

FEE TRANSMITTAL

| | |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------|
| Application Number: | 09/992,479 |
| Filing Date: | 11/13/2001 |
| First Named Inventor: | Qinglao Liu |
| Title of Invention: | Photocurrent Estimation from Multiple Captures for Simultaneous SNR and Dynamic Range Improvement in CMOS Image Sensors |
| Group Art Unit: | 612 |
| Examiner: | Not assigned |
| Attorney Docket No.: | S01-019/US |

Fee Calculation:

for ☒ Large Entity

☐ Applicant claims small entity status

See 37 CFR 1.27

Basic Filing Fee:

| | | |
|-----------------------------------------------------------------|---------------|--------|
| <input checked="" type="checkbox"/> Utility Patent Application: | \$740 / \$370 | \$ 740 |
| <input type="checkbox"/> Provisional Patent Application: | \$160 / \$80 | \$ |

Claims:

| | | |
|-----------------------------------------------------------------------------|-----------------|--------|
| <input checked="" type="checkbox"/> Number of Total Claims Over 20: [16] | x \$18 / \$9 = | \$ 288 |
| <input checked="" type="checkbox"/> No. of Independent Claims Over 3: [4] | x \$84 / \$42 = | \$ 336 |

Other Fees:

| | | |
|-----------------------------------------------------------------------------------|----------------|--------|
| <input type="checkbox"/> Extension of time, 1 month | \$110 / \$55 | \$ |
| <input type="checkbox"/> Extension of time, 2 months | \$400 / \$200 | \$ |
| <input type="checkbox"/> Extension of time, 3 months | \$920 / \$460 | \$ |
| <input type="checkbox"/> Extension of time, 4 months | \$1440 / \$720 | \$ |
| <input checked="" type="checkbox"/> Missing Parts Surcharge (Regular Application) | \$130 / \$65 | \$ 130 |
| <input type="checkbox"/> Missing Parts Surcharge (Provisional Application) | \$50 / \$25 | \$ |
| <input checked="" type="checkbox"/> Recordation of Assignment Document | \$40 | \$ 40 |
| <input type="checkbox"/> Issue Fee | \$1280 / \$640 | \$ |
| <input type="checkbox"/> Printed Patent; Number of Copies: [] | x \$3 = | \$ |

TOTAL PAYMENT: \$ 1534

Method of Payment:

☒ Payment Enclosed

☒ Check

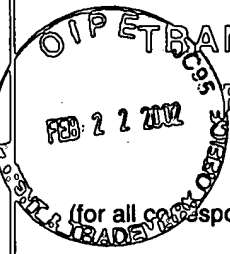
Signature of Applicant, Attorney, or Agent

Katharina Wang Schuster


Katharina Wang Schuster, Reg. No. 50,000


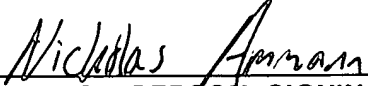
2-7-2002

Date

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|-----------------------------------------------------------------------------------|--------------------------------------------|-------------|
|  | Attorney Docket No. S01-019/US | Total Pages |
| | Application Number 09/992,479 | |
| | Filing Date 11/13/2001 | |
| | First Named Inventor XINQIAO LIU | |
| | Group Art Unit 2612 | |
| | Examiner NOT ASSIGNED | |

| ENCLOSURES (check all that apply) | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Response/Amendment <input type="checkbox"/> After Final Rejection <input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> with Corrected Drawing(s) Total Sheets: [] <input type="checkbox"/> with Affidavits/Declarations <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request | <input checked="" type="checkbox"/> Response to Notice of Missing Parts <input type="checkbox"/> Small Entity Statement <input checked="" type="checkbox"/> Declaration by Inventors <input checked="" type="checkbox"/> Assignment papers <input checked="" type="checkbox"/> Power of Attorney by Assignee <input checked="" type="checkbox"/> IDS/PTO-1449 <input checked="" type="checkbox"/> with copies of cited references <input type="checkbox"/> New Power of Attorney and Revocation of Old <input type="checkbox"/> Change of Correspondence Address <input checked="" type="checkbox"/> Other: Preliminary Amendment |

| SIGNATURE OF AGENT | |
|--------------------|-------------------------------------------------------------------------------------|
| NAME | KATHARINA WANG SCHUSTER, REG. NO. 50,000 |
| Signature |  |
| Date | 2-7-2002 |

| Certificate of Mailing by "Regular Mail" | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| I hereby certify that this correspondence is being deposited on the date indicated below as first class mail with the U.S. Postal Service addressed to the ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231. | |
|  SIGNATURE | DATE OF MAILING: 2/7/2002 |
|  NAME OF PERSON SIGNING | |

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| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/992,479 | 11/13/2001 | Xinqiao Liu | S01-019/US |

CONFIRMATION NO. 1467

FORMALITIES LETTER



OC000000007193122

MAREK ALBOSZTA
LUMEN INTELLECTUAL PROPERTY SERVICES
SUITE 110
45 CABOT AVENUE
SANTA CLARA, CA 95051

Date Mailed: 12/14/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- o The statutory basic filing fee is missing.
Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- o Total additional claim fee(s) for this application is \$624.
 - \$288 for ~~16~~ total claims over 20.
 - \$336 for 4 independent claims over 3.
- o The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- o **The balance due by applicant is \$ 1494.**

02/28/2002 NH0HAHH1 00000083 09992479

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|-----------|-----------|
| 01 FC:101 | 740.00 OP |
| 02 FC:103 | 288.00 OP |
| 03 FC:102 | 336.00 OP |
| 04 FC:105 | 130.00 OP |

A copy of this notice **MUST** be returned with the reply.

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Initial Patent Examination Division (703) 308-1202

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